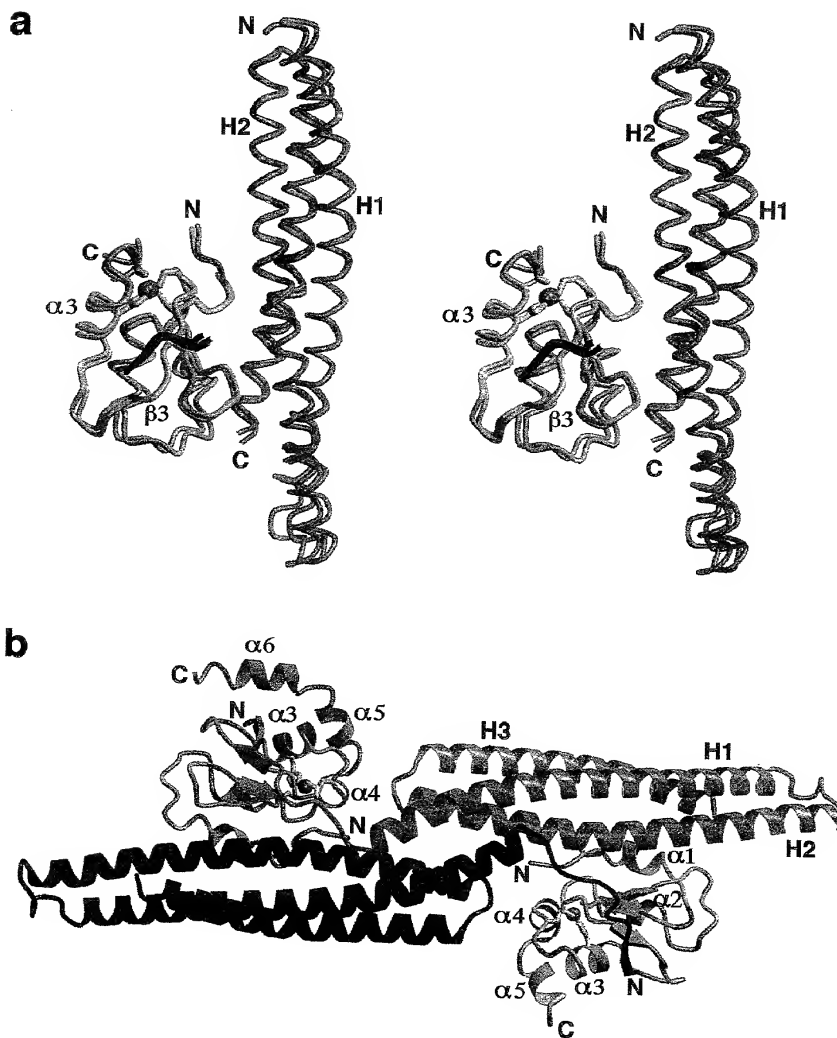


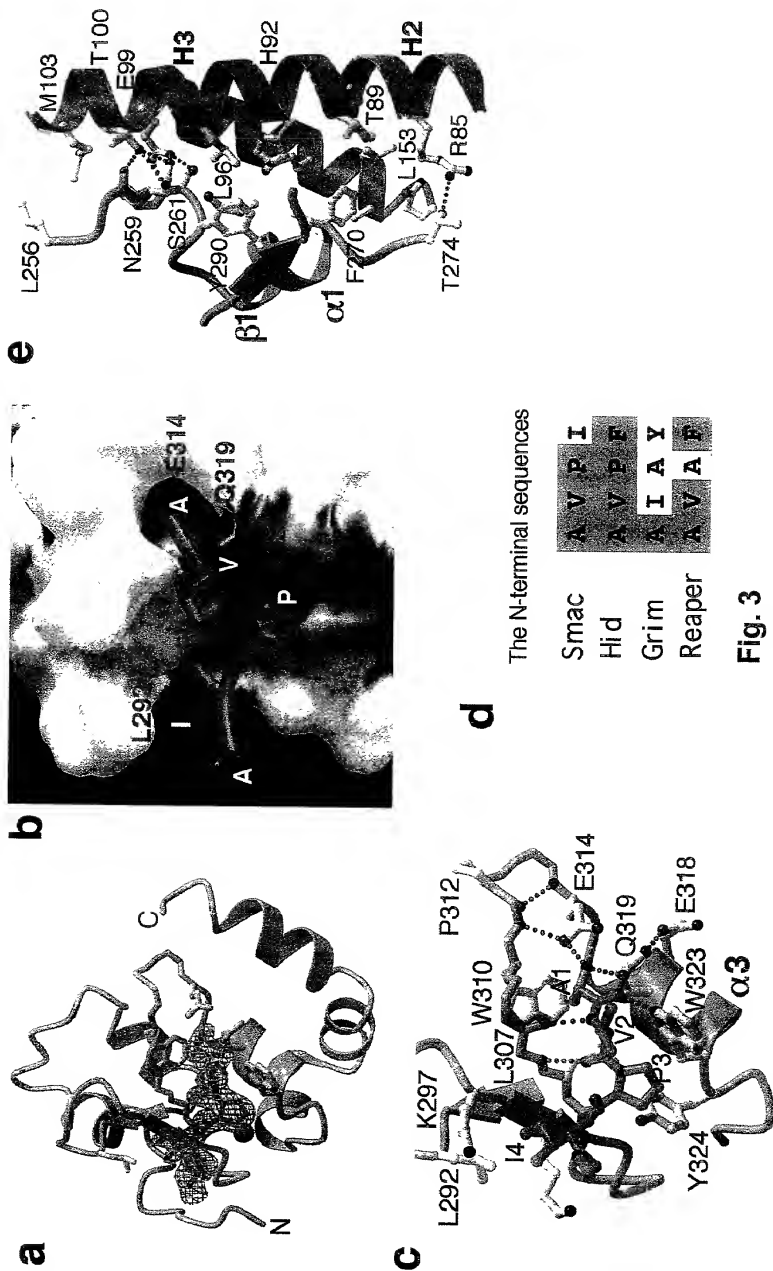
↓

Smac/DIABLO	A	V	P	I	A	Q	K
Reaper	A	V	A	F	Y	I	P
Grim	A	I	A	Y	F	L	P
Hid	A	V	P	F	Y	L	P
hCasp-9	A	T	P	F	Q	E	G
mCasp-9	A	V	P	Y	Q	E	G
xCasp-9	A	T	P	V	F	S	G

Fig. 1



**Fig. 2**



**Fig. 3**

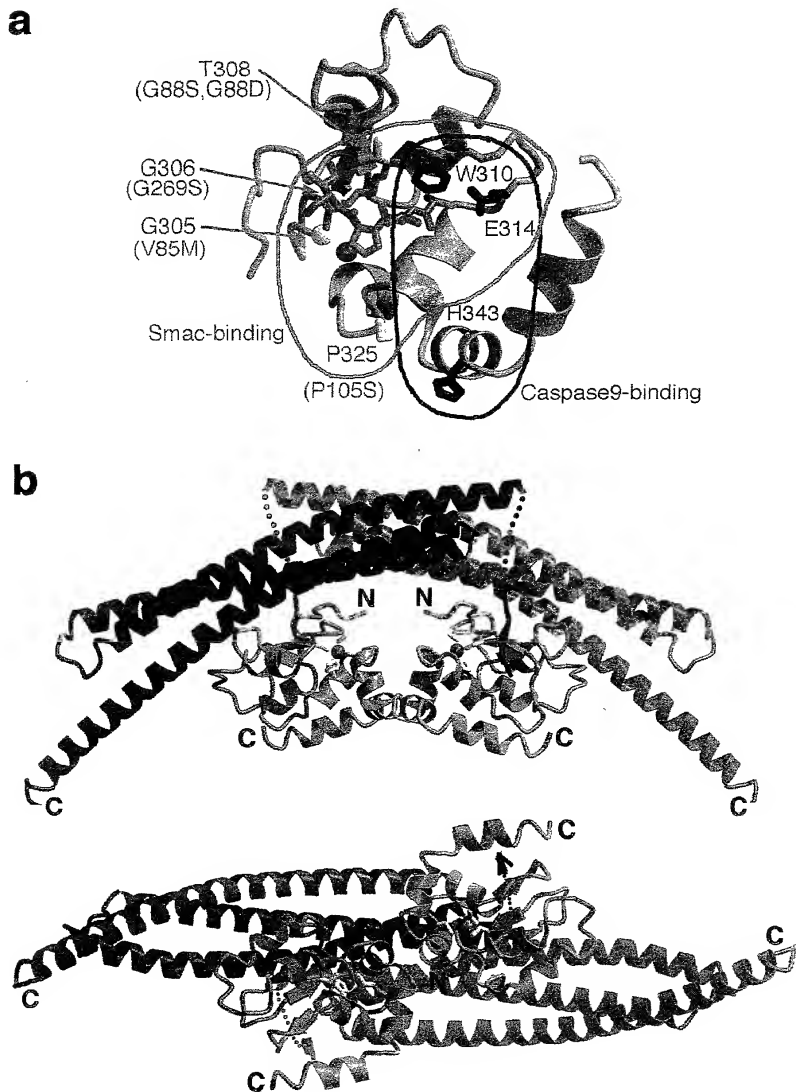


Fig. 4

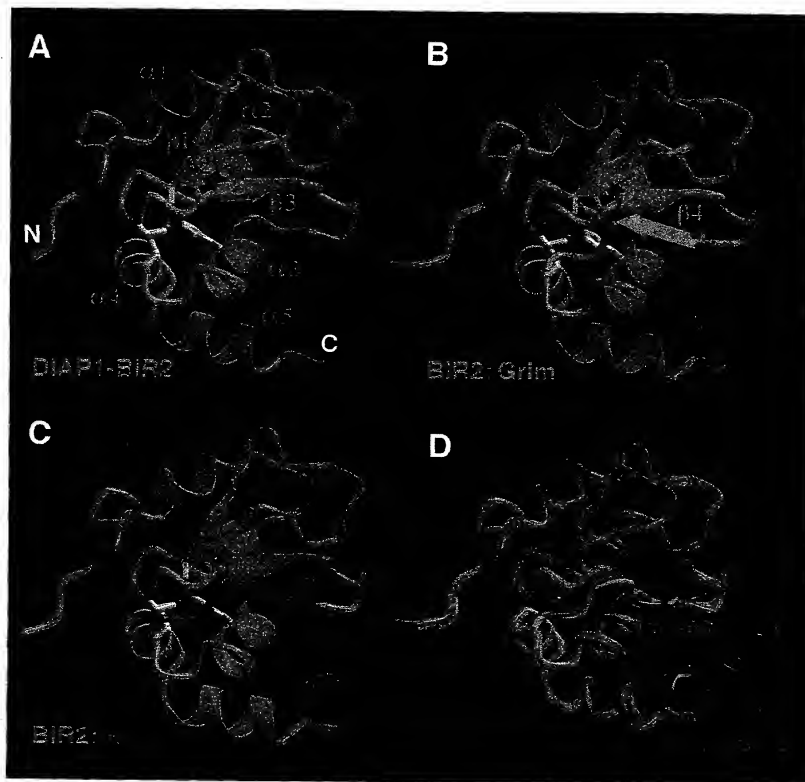
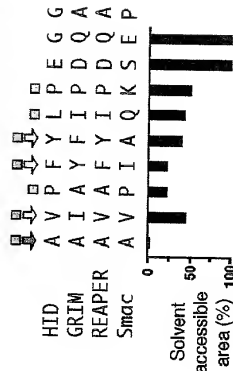


Fig. 5

A



B

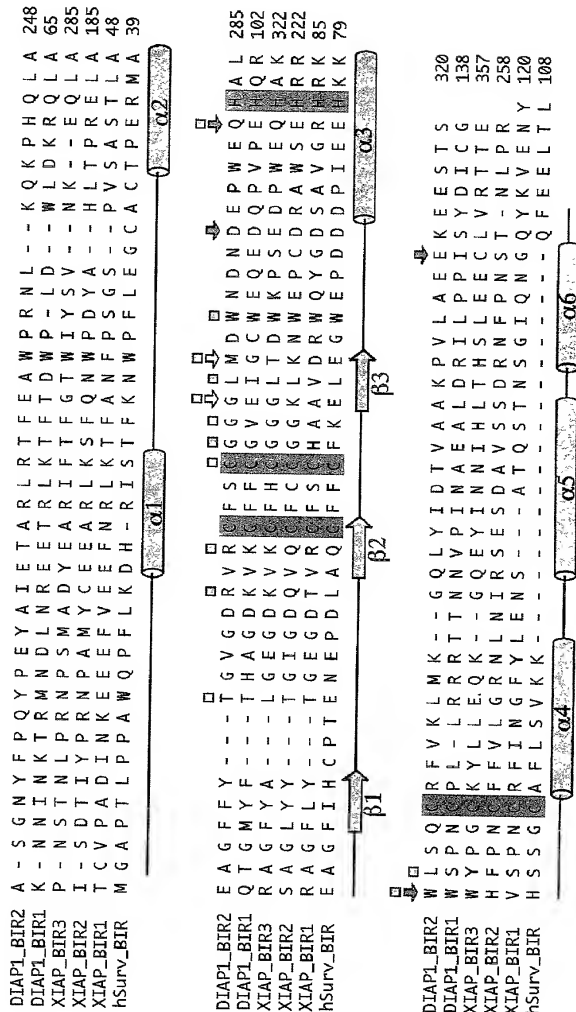


Fig. 6

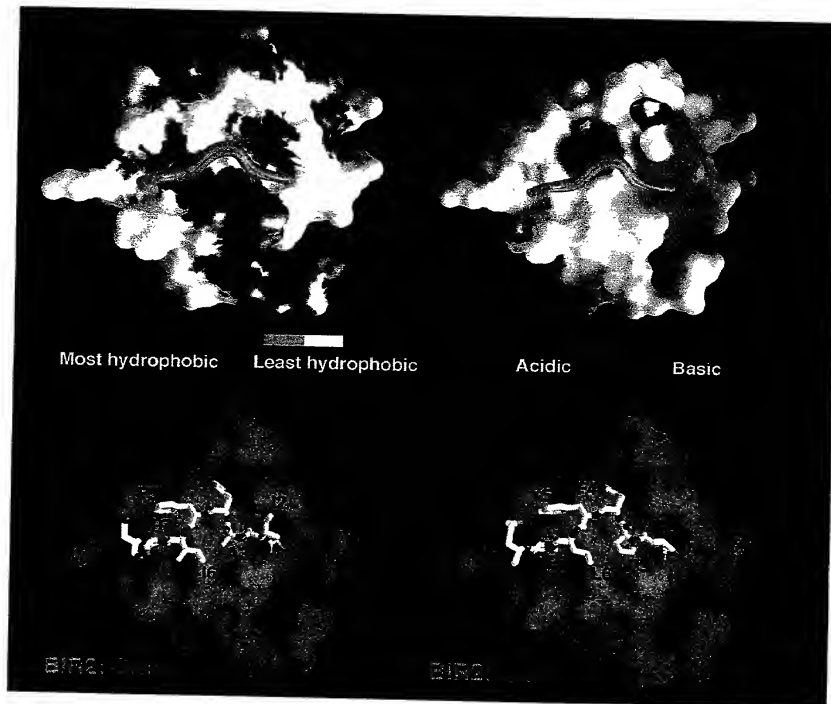
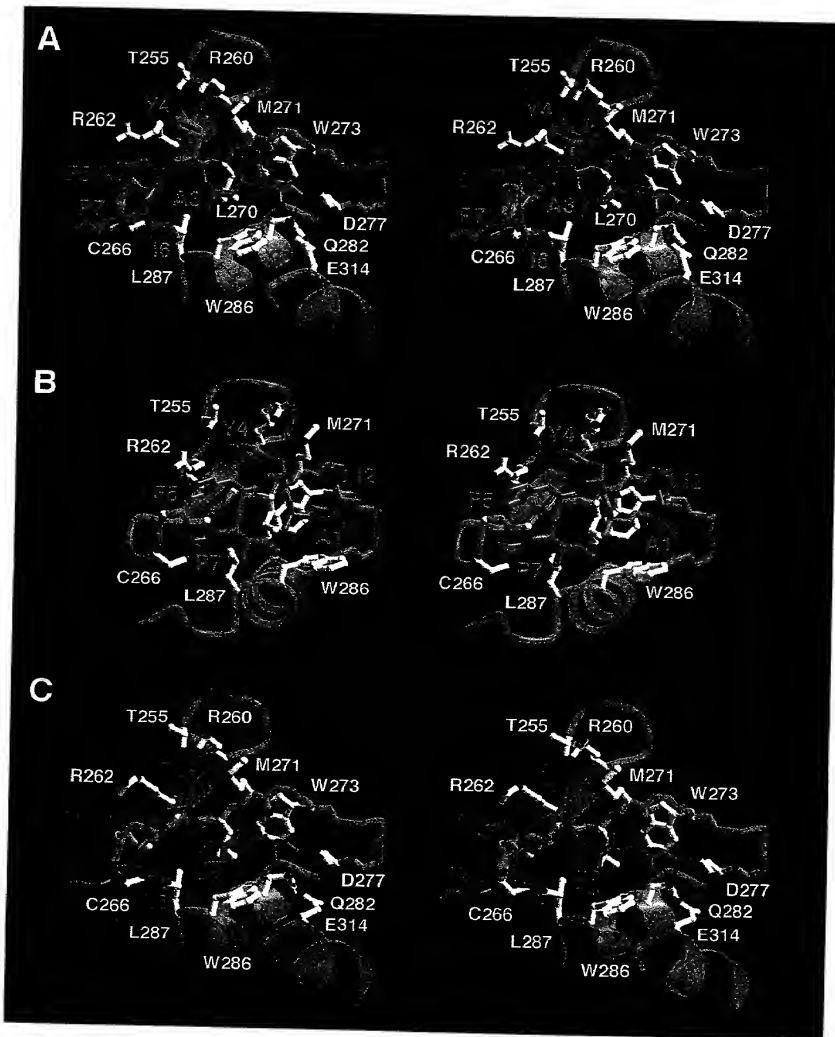


Fig. 7



**Fig. 8**



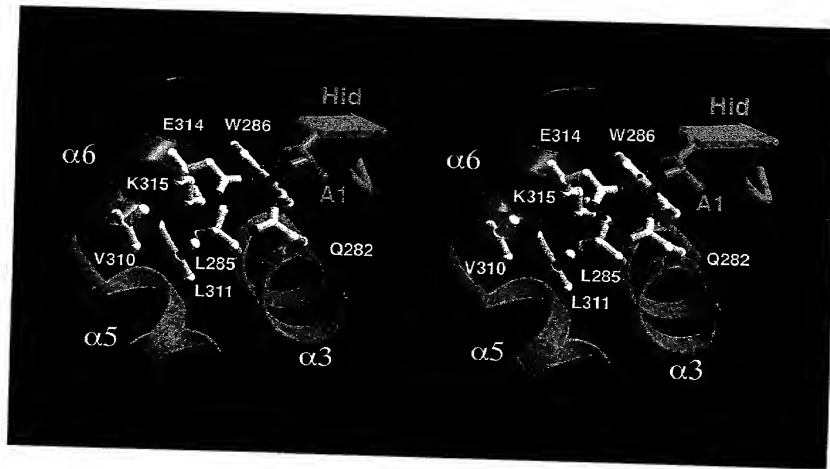
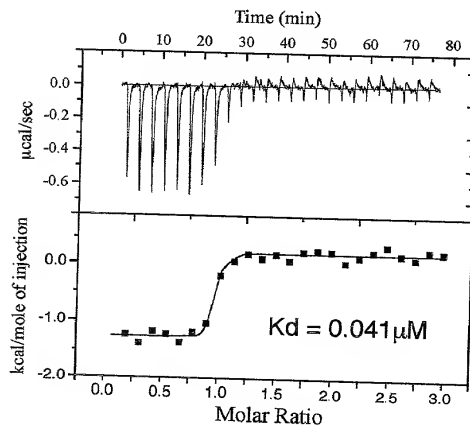


Fig. 9

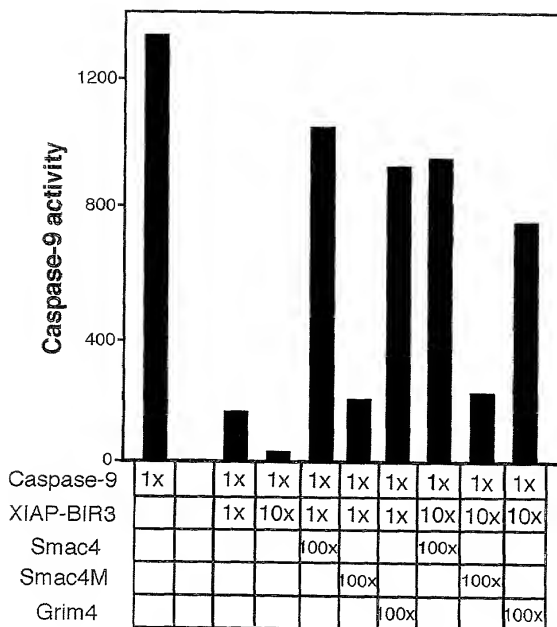
**A**



**B**

Peptide	Dissociation constants ( $\mu\text{M}$ )	
	DIAP1-BIR2	XIAP-BIR3
Grim	0.24	12.6
Hid	0.041	0.12
Smac	n/a	0.55
Casp-9	n/a	0.25

**Fig. 10**



Peptide identity:  
 Smac4 : AVPI  
 Smac4M: MVPI  
 Grim4: AIAY

**Fig. 11**

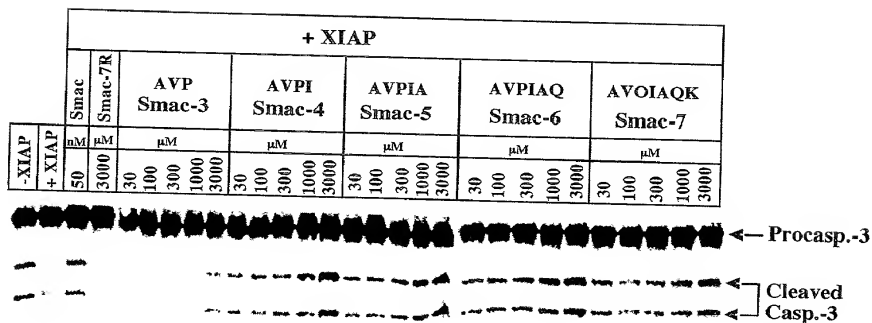


Fig. 12

a

Smac: NH<sub>2</sub>-MTS-AVPIA QKSEP.....  
 Hid: NH<sub>2</sub>-M-AVPFY LPEGG.....  
 Reaper: NH<sub>2</sub>-M-AVAFY IPDQA.....  
 Grim: NH<sub>2</sub>-M-AIAYF IPDQA.....

b

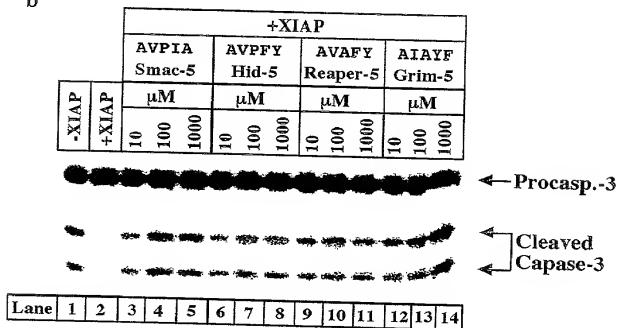


Fig. 13

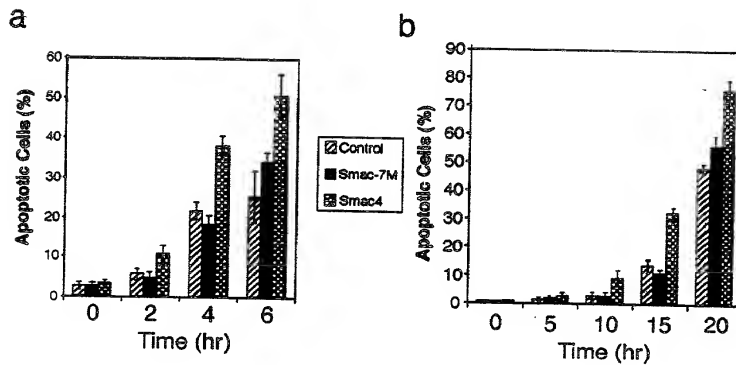


Fig. 14